





### DIMENSIONS

Unit : Inch

Valve Size	A1	A2	B	C	D	E	F	H	H1	H2	L	W	S	T	Q	
1/2"	0.492	0.591	1.380	2.620	3.750	5.118	0.060	1.772	0.689	0.335	5.512	0.354	1.417	0.560	1/4"-20	ØM-N
3/4"	0.630	0.787	1.690	3.250	4.620	5.118	0.060	1.858	0.689	0.335	5.984	0.354	1.417	0.620	1/4"-20	ØM-N
1"	0.787	0.984	2.000	3.500	4.880	5.148	0.060	3.170	0.886	0.492	6.496	0.433	1.969	0.690	1/4"-20	ØM-N
1-1/2"	1.260	1.532	2.880	4.500	6.120	6.496	0.060	3.402	1.150	0.610	7.480	0.551	1.969	0.810	1/4"-20	ØM-N
2"	1.496	1.811	3.620	5.000	6.500	7.953	0.060	4.591	1.512	0.846	8.504	0.669	2.756	1.000	5/16"-18	ØM-N
2-1/2"	2.008	2.598	4.120	5.880	7.500	7.953	0.060	5.473	1.512	0.846	9.488	0.669	2.756	1.000	5/16"-18	ØM-N
3"	2.283	2.992	5.000	6.620	8.250	12.933	0.060	6.669	2.299	1.240	11.102	0.866	4.016	1.120	3/8"-16	ØM-N
4"	3.150	3.740	6.190	7.880	10.000	12.933	0.060	7.610	2.370	1.303	12.008	0.866	4.016	1.250	3/8"-16	ØM-N
6"	4.488	5.906	8.500	10.620	12.500	19.626	0.060	10.079	2.949	1.791	15.866	1.063	4.921	1.440	1/2"-13	ØM-N

### MATERIALS

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr. CF8M
2	BODY SEAL	GRAPHITE
3	END CAP	ASTM A351 Gr. CF8M
4	SEAT	RTFE.(+15% G/F)
5	BALL	ASTM A351 Gr. CF8M
6	THRUST WASHER	PTFE.+GRAPHITE
7	STEM	SS 316
8	STEM PACKING	GRAPHITE
9	GLAND WASHER	PTFE.
10	GLAND BEARING	PTFE.
11	GLAND	SS 304
12	SNAP RING	SS 304
13	HANDLE	FC145
14	BOLT	SS 304
15	STOP PLATE	SS 304

REV	DATE	DESCRIPTION	CODE	REVISER	REMARKS	REV	BY	DATE
						F	Peggy	2006.08.02

  

MATERIAL	APPROVE	CHECK	SCALE	UNIT	DATE
1/2"-6"	FREE	mm	SCALE	UNIT	DATE
ANSI 300	AF-58F-300	mm	SCALE	UNIT	DATE
FIRESAFE	AF-58F-300	mm	SCALE	UNIT	DATE
API 607	AF-58F-300	mm	SCALE	UNIT	DATE

  

REV	BY	DATE	TITLE
F	Peggy	2006.08.02	1-PC FLANGED END BALL VALVE